


 Substitute Form PTO-1449  
(Modified)

 U.S. Department of Commerce  
Patent and Trademark Office

 Attorney's Docket No.  
07039-246001

 Application No.  
10/066,432

**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

 Applicant  
Thomas F. Smith et al.

 Filing Date  
January 31, 2002

 Group Art Unit  
1637

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
RAA	AA	5,837,452	11/17/98	Clark et al.			
	AB						
	AC						
	AD						

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
RAA	AE	WO 00/70096	11/23/00	PCT				
RAA	AF	0 338 591	10/25/89	EPO				
	AG							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
RAA	AH	Holland et al., "PCR Detection of <i>Escherichia coli</i> O157:H7 Directly from Stools: Evaluation of Commercial Extraction Methods for Purifying Fecal DNA," <i>J. Clin. Microbiol.</i> , 2000, 38:4108-4113
	AI	Machiels et al., "New Protocol for DNA Extraction of Stool," <i>BioTechniques</i> , 2000, 28:286-290
	AJ	McOrist et al., "A comparison of five methods for extraction of bacterial DNA from human faecal samples," <i>J. Microbiological Methods</i> , 2002, 50:131-39
RAA	AK	Van der Hoek et al., "Isolation of Human Immunodeficiency Virus Type 1 (HIV-1) RNA from Feces by a Simple Method and Difference between HIV-1 Subpopulations in Feces and Serum," <i>J. Clin. Microbiol.</i> , 1995, 33:581-588

Examiner Signature

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Date Considered

10/12/04

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 1 of 1

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(Modified)Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
07039-246001Application No.  
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(37 CFR §1.98(b))

Applicant  
Thomas F. Smith et al.Filing Date  
January 31, 2002Group Art Unit  
1634**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						

**Foreign Patent Documents or Published Foreign Patent Applications**

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							Yes	No
	AC							
	AD							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
RAA	AE	Bassler et al., "Use of a Fluorogenic Probe in a PCR-Based Assay for the Detection of <i>Listeria monocytogenes</i> ," <i>Applied and Environmental Microbiology</i> , 1995, 61(10):3724-3728
	AF	
	AG	
	AH	

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10/18/04

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Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
07039-246001Application No.  
10/066,432**Information Disclosure Statement  
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(37 CFR §1.98(b))

Applicant  
Thomas F. Smith et al.Filing Date  
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1637**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
RAA	AB	WO 02/61390	08/08/02	PCT				
	AC	WO 02/18660	03/07/02	PCT				
RAA	AD	WO 99/45155	09/10/99	PCT				

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
RAA	AE	Brink et al., "Nucleic Acid Sequence-Based Amplification, A New Method for Analysis of Spliced and Unspliced Epstein-Barr Virus Latent Transcripts, and Its Comparison with Reverse Transcriptase PCR," <i>J. Clin. Microbiol.</i> , 1998, 36(11):3164-3169
	AF	Caplin et al., "LightCycler™ hybridization probes; The most direct way to monitor PCR amplification for quantification and mutation detection," <i>Biochemica</i> , 1999, 1:5-8
	AG	Espy et al., "Quantification of Epstein-Barr Virus (EBV) Viral Load in Transplant Patients by LightCycler PCR," <i>Abstracts of the General Meeting of the American Society for Microbiology</i> , 101 <sup>st</sup> General Meeting, May 20-24, 2001, 101:182, Abstract No. C-148
	AH	Espy et al., "Diagnosis of Varicella-Zoster Virus Infections in the Clinical Laboratory by LightCycler PCR," <i>J. Clin. Microbiol.</i> , 2000, 38(9):3187-3189
	AI	Espy et al., "Diagnosis of Herpes Simplex Virus Infections in the Clinical Laboratory by LightCycler PCR," <i>J. Clin. Microbiol.</i> , 2000, 38(2):795-799
	AJ	Espy et al., "Detection of Smallpox Virus DNA by LightCycler PCR," <i>J. Clin. Microbiol.</i> , 2002, 40(6):1985-1988
	AK	Sample et al., "Two Related Epstein-Barr Virus Membrane Proteins are Encoded by Separate Genes," <i>J. Virol.</i> , 1989, 63(2):933-937
	AL	Smith, "Application of Lightcycler Real Time PCR in Clinical Virology," <i>Clin. Chem. Lab. Med.</i> , 2001, Special Supplement, 39:S60, Abstract No. ISW14-2
RAA	AM	Telenti et al., "Detection of Epstein-Barr Virus by Polymerase Chain Reaction," <i>J. Clin. Microbiol.</i> , 1990, 28(10):2187-2190

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Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified) <b>Information Disclosure Statement</b> <b>by Applicant</b> (Use several sheets if necessary) JUN 04 2004 (37 CFR §1.816(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07039-246001	Application No. 10/066,432
		Applicant Thomas F. Smith et al.	
		Filing Date January 31, 2002	Group Art Unit 1634

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
RAA	AA	5,702,895	12/30/97	Matsunaga et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
RAA	AB	1 160 333	12/05/01	EPO				
	AC	0 526 876	02/10/93	EPO				
	AD	WO 03/068918	08/21/03	PCT				
	AE	WO 01/23604 (on CD-ROM)	04/05/01	PCT				
RAA	AF	WO 01/12803	02/22/01	PCT				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
RAA	AG	Arthur et al., "Enterococcus faecium transposon Tn1546 transposase, resolvase, vanR, vanS, vanH, vanA, vanX, vanY and teicoplanin resistance protein (vanZ) genes, complete cds," 1993, database accession no. M97297
	AH	Grisold et al., "Detection of Methicillin-Resistant <i>Staphylococcus aureus</i> and Simultaneous Confirmation by Automated Nucleic Acid Extraction and Real-Time PCR," <i>J. Clin. Microbiol.</i> , 2002, 40:2392-2397
	AI	Huletsky et al., "Rapid Detection of Vancomycin-Resistant Enterococci Directly from Rectal Swabs by Real-Time PCR Using the Smart Cycler," <i>Abstracts of the Interscience Conference on Antimicrobial Agents and Chemotherapy</i> , Chicago, Illinois, September 22-25, 2001, 41:409 (Abstract K-1195)
	AJ	Ito et al., "Staphylococcus aureus DNA, type-I staphylococcal cassette chromosome mec," 1999, database accession no. AB033763
	AK	"LightCycler-FastStart DNA Master Hybridization Probes," 1999 Roche Diagnostics GmbH Technical Manual, retrieved from the internet on February 6, 2004: <a href="http://www.roche-applied-science.com">http://www.roche-applied-science.com</a>
	AL	Palladino et al., "Real-time PCR for the rapid detection of <i>vanA</i> and <i>vanB</i> genes," <i>Diagnostic Microbiology and Infectious Disease</i> , 2003, 45:81-84
	AM	Palladino et al., "Rapid Detection of <i>vanA</i> and <i>vanB</i> Genes Directly from Clinical Specimens and Enrichment Broths by Real-Time Multiplex PCR Assay," <i>J. Clin. Microbiol.</i> , 2003, 41:2483-2486
	AN	Patel et al., "Enterococcus faecalis vancomycin resistance protein (vanB) gene, partial cds," 1997, database accession no. U72704
RAA	AO	Patel et al., "Enterococcus faecium vancomycin resistance protein B (vanB) gene, partial cds," 1997, database accession no. U94528

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Substitute Form PTO-1449 (Rev. 11-2001)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07039-246001	Application No. 10/066,432
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) JUN 04 2004 (37 CFR §1.98(b))		Applicant Thomas F. Smith et al.	
		Filing Date January 31, 2002	Group Art Unit 1634

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
922A	AP	Petrich et al., "Direct detection of <i>vanA</i> and <i>vanB</i> genes in clinical specimens for rapid identification of vancomycin resistant enterococci (VRE) using multiplex PCR," <u>Molecular and Cellular Probes</u> , 1999, 13:275-281
922A	AQ	Reischl et al., "Rapid Identification of Methicillin-Resistant <i>Staphylococcus aureus</i> and Simultaneous Species Confirmation Using Real-Time Fluorescence PCR," <u>J. Clin. Microbiol.</u> , 2000, 38:2429-2433
922A	AR	Sloan et al., "Evaluation of a Combined LightCycler Assay for the Detection of <i>vanA</i> , <i>vanB</i> , and <i>vanB-2/3</i> Genes in Enterococci," <u>Abstracts of the General Meeting of the American Society for Microbiology</u> , 2002, 102:143 (Abstract C-242)

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